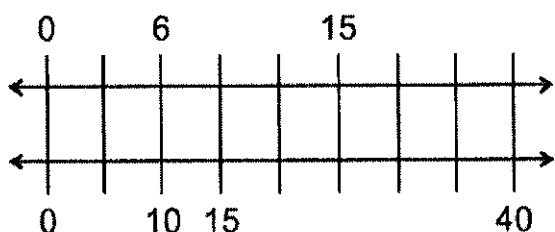


## Unit 6

### Lesson 1 and 2 Review Card – Green

1. The ratio of red to blue shirts in Ms. Kolb's closet is 4 to 5. What is the red to total ratio?

2. Complete the double number line with equivalent ratios.



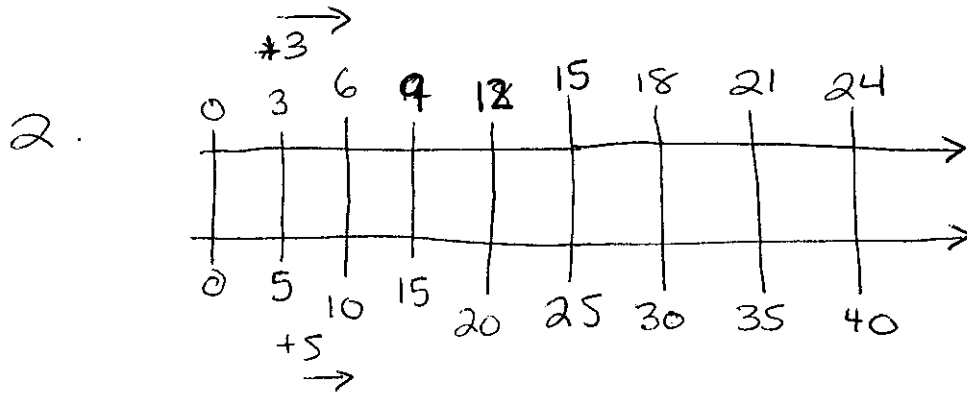
3. John and Will ran for 6th grade class president. There were 36 students voting. John got two votes for every vote Will got. How many votes did each get?

4. The ratio of football players to soccer players in the rooms was 5 to 7. If the football and soccer players in the room totaled 48, how many were football players?

5. The ratio of boys to girls at the party is 5:6. Four more girls than boys attended. How many boys were at the party?

Green

1. Red 4  
Blue 5  
Total 9  
Red: Total  
 $\boxed{4:9}$



3. John  $2 \times_{12}$  24  
Will  $1 \times_{12}$  12  
Total  $3 \times_{12}$  36

$\boxed{\text{John } 24, \text{ Will } 12}$

4.

football	5	10	15	20
soccer	7	14	21	28
total	12	24	36	48

$\boxed{20 \text{ football players}}$

5.

Boys 5 10 15 20

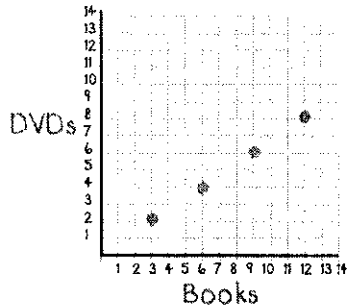
Girls 6 12 18 24

"more" +1 +2 +3 +4

$\boxed{20 \text{ boys}}$

# Unit 6

## Lesson 1 and 2 Review Card – Orange



1. The follow is a graph of one of Mrs. Pike's bookshelves:  
Write four (simplified) ratio sentences that you can generate from this graph.

2. John, Marie, and Will all ran for 6<sup>th</sup> grade class president. Of the 36 students, 16 voted for John, 12 for Marie, and 8 for Will. What was the ratio of votes for John to votes for Will?

3. The girl-boy ratio was 9 to 7. If 63 girls attended, how many boys attended?

4. The Recycling club collects cans and bottles for recycling. The ratio of cans to bottles collected was 8 to 9. If they collected 240 cans, how many items to be recycled did they collect in all?

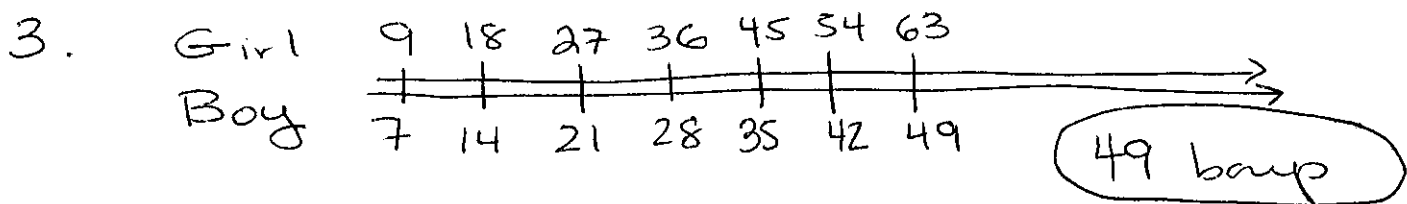
5. John and Will ran for 6th grade class president. There were 36 students voting. John got two votes for every vote Will got. It was necessary to get more than half the votes to get elected. How many more votes than half did John get?

Orange

1.  $3:2$  For every 3 books there are 2 DVDs
- $2:3$  For every 2 DVDs there are 3 books.
- $3/5$  3 out of every 5 items is a book.
- $2/5$  2 out of every 5 items is a DVD

2. John : Will  
16 : 8

2 to 1



4.

Cans	8	$\times 30$	240
Bottles	9	$\times 30$	270
Total	17	$\times 30$	510

$$\begin{array}{r} 240 \\ + 270 \\ \hline 510 \checkmark \end{array}$$

510 items

5.

John	2	$\times 12$	24
Will	1	$\times 12$	12
Total	3	$\times 12$	36

half 18.

6 more than half

# Unit 6

## Lesson 1 and 2 Review Card – Yellow

1. Write four ratio sentences for this picture:



2. John, Marie, and Will all ran for 6<sup>th</sup> grade class president. Of the 36 students, 16 voted for John, 12 for Marie, and 8 for Will. What is the ratio of votes for Marie to votes for Will?

3. The ratio of tagged fish to untagged fish was 2 to 9. Ninety fish were tagged. How many fish were untagged?

4. The bicycle store has mountain bikes and racing bikes on the showroom floor at a ratio of 3 to 5. If there are a total of 72 bikes on the floor, how many are racing bikes?

5. For every 5 push-ups that Oscar does, Noah does 7. Noah did 10 more pushups than Oscar did. How many push-ups did each boy do?

Yellow

1. 3:5 For every 3 white shirts there are 5 grey shirts

5:3 For every 5 grey shirts there are 3 white shirts.

3:8 3 out of every 8 shirts are white

5:8 5 out of every 8 shirts are grey.

2. Marie to Will

12 to 8  
÷ 4 ÷ 4

3 to 2

3. Tagged 2 | 4 | 6 | 8 ... 90  
Untagged 9 | 18 | 27 | 36 ... 405

$\times 45$

$\times 45$

4  
45  
 $\times 9$   
405

4. Mountain  $3 \times 9$  27  
Racing  $5 \times 9$  45  
Total  $8 \times 9$  72

45 Racing

5. Oscar 5 10 15 20 25  
Noah 7 14 21 28 35  
"more" 2 4 6 8 10

Oscar did 25. Noah did 35.

## Unit 6

### Lesson 1 and 2 Review Card – Red

1. In a class of 28, there are 12 boys. What ratio sentences can you write?

2. In the pond were 240 little fish and 90 big fish. What was the ratio of big fish to little fish?

3. In the auditorium the ratio of boys to girls was 5 to 4. If there were 200 girls in the auditorium, how many boys were there?

4. The ratio of dimes to quarters was 5 to 8. There were a total of 520 dimes and quarters in the vending machine. How many dimes were there?

5. The ratio of the weight of Ann's dog to Chris' dog is 4:7. If Chris' dog weighs 15 pounds more than Ann's dog, how much does each dog weigh? Use a table to model your solution and justify your reasoning.

Red

Date

1. 12 boys 3  
16 girls 4  
28 total

There are 3 boys for every  
4 girls.

There are 4 girls for  
every 3 boys.

4 out of every 7 students  
are girls.

3 out of every 7 students  
are boys.

2. big to little  
90 to 240  
9 to 24

3 to 8

3. Boys  $5 \times 50$   
Girls  $4 \times 50$  200

250 boys

4. d 5  $\times 40$  200 dimes  
Q 8 320  
total coins 13  $\times 40$  520

5. A	4	8	12	16	20
C	7	14	21	28	35
'more'	3	6	9	12	15

Ann = 2016, Chris = 3516

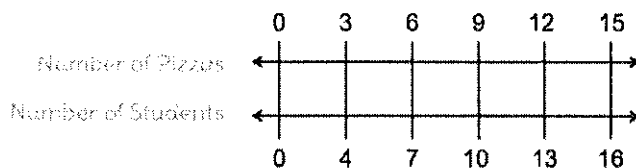


# Unit 6

## Lesson 1 and 2 Review Card – Blue

1. The team won 4 out of 7 of its games and lost the rest. What was the win-loss ratio?

Starting with a ratio of 3:4, Nick built his double number line this way. What would you tell him?



2.

3. ~~18~~ The ratio of sparrows to bluejays at the bird house was 5 to 3. If there were 15 bluejays in the hours, how many sparrows were there?

4. The ratio of big fish to little fish in the pond was 4 to 11. If there were 1320 fish in the pond, how many big fish were there?

5. Alexis is making punch for the school dance. She mixes 3 parts fruit mix with 5 parts lemon-lime soda. She uses 24 more cups of lemon-lime soda than fruit mix. How much total punch is she making? Use a double number line to model your solution and justify your reasoning.

Blue

Date

1. won 4  
lost 3  
total 7

win to loss  
**4 to 3**

2. You're wrong.  
# of students should  
increase by 4 each  
time not 3.

3. Sparrow 5  $\xrightarrow{\times 5}$   
Bluejay 3 15  
 $\xrightarrow{\times 5}$   
**25 sparrows**

4. Big 4  $\xrightarrow{\times 88}$  352  
Little 11  
Total 15  $\xrightarrow{\times 88}$  1320

88  
15  $\overline{) 1320}$   
120  

---

120

5.

	3	6	9	12	15	18	21	24	27	30	33	36
fruit												
LL	5	10	15	20	25	30	35	40	45	50	55	60
more	2	4	6	8	10	12	14	16	18	20	22	24